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Help

Tender Inviting Authority: Superintending Engineer Electricity Civil Distribution Circle, PVVNL, Meerut

Percentage BoQ

of Work: Construction of Civil works for protection against water logging due to excess water of water pond at 33/11 K.V Lodhipur, Distt-Hapur.  
T.S. No:44/ECDC/MRT/2022-23

Name of the  
Bidder/  
Bidding  
Firm /  
Company

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## PRICE SCHEDULE

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT in Words
1	2	4	5	6	7	8
1	Excavation in foundation in ordinary soil (Loam Clay or Sand) including lift upto 1.5m and lead upto 30m and including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of the foundation work. CSI No. 4.01	35.00	Cum	172.00	6020.00	INR Six Thousand & Twenty Only
2	Local fine sand filling in plinth including supply of necessary quantity of local sand from outside the UPPCL premises including watering, ramming and dressing etc. Rate to include cost of all materials, labour and T&P etc. required for proper completion of work. CSI No. 4.05	5.00	Cum	1563.00	7815.00	INR Seven Thousand Eight Hundred & Fifteen Only
3	Clearing jungle including uprooting of rank vegetations, grass, bush, wood, trees and saplings of girth upto 30cm measured at a height of 1.0m above ground level and removal of rubbish upto a distance of 50m outside the periphery of UPPCL area cleared. CSI No. 4.08	30.00	Sqm	7.00	210.00	INR Two Hundred & Ten Only
4	Earth filling under floors and/or sub station area including cost of earth when obtained from within 8 km outside UPPCL area including its royalty and carriage, loading/ unloading, spreading, watering, ramming in 20 cm layers and dressing of earth etc. for proper completion of the work. CSI No. 4.10	590.00	Cum	414.00	244260.00	INR Two Lakh Forty Four Thousand Two Hundred & Sixty Only
5	Concrete with 4cm gauge I class brick ballast, coarse sand (F.M. 1.8 to 2.5) and cement in proportion of 12:6:1 in foundations and under floors including supply of all materials, labour and tools and plants etc. required for proper completion. (CSI No.5.01)	9.00	Cum	4859.00	43731.00	INR Forty Three Thousand Seven Hundred & Thirty One
6	Concrete with 4cm gauge stone ballast, coarse sand (F.M. 1.8 to 2.5) & cement in proportion of 12:6:1 in foundations & under floors including supply of all materials, labour and tools and plants etc. required for proper completion. (CSI No. 5.02)	10.00	Cum	5337.00	53370.00	INR Fifty Three Thousand Three Hundred & Seventy
7	Cement concrete with 2cm gauge approved hard stone ballast, coarse sand (F.M. 1.8 to 2.5) and cement in proportion of 4:2:1 including supply of all materials, labour, side shuttering if required and T&P etc. required for proper completion of work. CSI No. 5.06	8.00	Cum	6868.00	54944.00	INR Fifty Four Thousand Nine Hundred & Forty Four Only
8	Precast cement concrete door sills, chaukhats boundary posts, shelves and similar small work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast in the proportion 1:1.5:3, excluding reinforcement but including fixing the same in position including cost of all other material, labor and T&P. (CSI No. 5.22)	1.00	Cum	8774.00	8774.00	INR Eight Thousand Seven Hundred & Seventy Four Only
9	Concreting of 40 mm thick RCC trench covers in mild steel frame work with RCC 1:1.5:3 in Cement, Chohan coarse sand (F.M. 1.8 to 2.5) and 2cm gauge graded hard stone ballast with 3mm thick floating coat of neat cement finish on top of cover complete with all labour, materials and placing the same in proper position at required location of cable trench within the substation area. (CSI No. 5.18)	5.00	SQM	340.00	1700.00	INR One Thousand Seven Hundred Only
10	RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc from Dalla, Jhansi or other quarries in proportion 1:1.5:3 in lintels of doors and windows, excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P. (CSI No. 5.23)	1.00	Cum	8427.00	8427.00	INR Eight Thousand Four Hundred & Twenty Seven Only
11	RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc from Dalla, Jhansi or other quarries in proportion 1:1.5:3 in slab, excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P (CSI No. 5.24)	0.50	Cum	9706.00	4853.00	INR Four Thousand Eight Hundred & Fifty Three Only
12	RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc from Dalla, Jhansi or other quarries in proportion 1:1.5:3 in lighter beams i.e. having span upto 6m, excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P. (CSI No. 5.25)	10.50	Cum	10506.00	110313.00	INR One Lakh Ten Thousand Three Hundred & Thirteen Only
13	RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite quartzite etc from Dalla, Jhansi or other quarries in proportion 1:1.5:3 in raft foundation and footings, excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P. (CSI No. 5.27)	3.00	Cum	8036.00	24108.00	INR Twenty Four Thousand One Hundred & Eight Only
14	RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc from Dalla, Jhansi or other quarries in proportion 1:1.5:3 in RCC T beam-slab and column, excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P. (CSI No. 5.29)	12.00	Cum	10666.00	127992.00	INR One Lakh Twenty Seven Thousand Nine Hundred & Ninety Two Only

DEC

SDCC

DEC

EEC

15	First class brick (class-150) work in 1:6 cement and coarse sand (F.M. 1.8 to 2.5) mortar in foundation and plinth including supply of all materials, labour & T&P etc. required for proper completion of work. CSI No. 6.01	60.00	Cum	4859.00	291540.00	INR Two Lakh Ninety One Thousand Five Hundred & Forty Only
16	First class brick (class-150) work in 1:6 cement and coarse sand (F.M. 1.8 to 2.5) mortar in super structure including necessary cutting and moulding of bricks as required and also including honeycomb brick work for wall of one brick thick (230mm) including supply of all materials, labour & T&P etc. required for proper completion of work. CSI No. 6.01+6.07+6.08	55.00	Cum	5516.00	303380.00	INR Three Lakh Three Thousand Three Hundred & Eighty Only
17	First class brick (class-150) work in 1:4 cement and coarse sand (F.M. 1.8 to 2.5) mortar in super structure including necessary cutting and moulding of bricks as required and also including honeycomb brick work for wall of 1½ brick thick (115mm) including supply of all materials, labour & T&P etc. required for proper completion of work. CSI No. 6.03+6.07+6.09	2.00	Cum	5845.00	11690.00	INR Eleven Thousand Six Hundred & Ninety Only
18	Brick work in foundation & plinth with old dismantled bricks (supplied by department free of cost) and coarse sand of F.M. 1.8 to 2.5 mortar in 1:6 including supply of all other materials, labour, removing mortar & cleaning of old & used bricks, T&P etc. complete. (CSI No. 6.18)	5.00	Cum	2657.00	13285.00	INR Thirteen Thousand Two Hundred & Eighty Five Only
19	Same as in item 6.18 above but in super structure for 230 mm thick wall. (CSI No. 6.19)	2.00	Cum	3314.00	6628.00	INR Six Thousand Six Hundred & Twenty Eight Only
20	Supply and fitting brick bat in soak pit including all labour, material and T&P etc. required for proper completion of work. CSI No. 6.23	1.50	Cum	1251.00	1876.50	INR One Thousand Eight Hundred & Seventy Six and Paise Fifty Only
21	2.5 cm. thick damp proof course of cement concrete consisting of 1 part cement 1.5 parts approved coarse sand (F.M. 1.8 to 2.5), and 3 parts approved 12 mm. graded stone grit and also including liquid water proofing material as approved by the Engineer-In-charge in the proportions specified by the manufacturer. (CSI No. 7.02)	25.00	Sqm	322.00	8050.00	INR Eight Thousand & Fifty Only
22	Dismantling existing barbed wire fencing including making bundles and stacking etc. complete. (labour rates only). CSI No. 9.06 (b)	70.00	RM	2.00	140.00	INR One Hundred & Forty Only
23	Mild Steel or Iron work in heavy sizes such as trusses built up gables, door frames, record racks, roof work, window / boundary grill or railing and T/F Rail etc. wrought to required form including holes rivetting or welding where necessary and also fixing in proper position and alignment including cost of all materials, labour and T&P required for proper completion of work. CSI No. 9.01	0.70	M.T.	83076.00	58153.20	INR Fifty Eight Thousand One Hundred & Fifty Three and Paise Twenty Only
24	TMT or Tor steel in plain work such as reinforced concrete or reinforced brick work (when not included in an over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage, bend, hooks and authorized overlapping shall be measured separately. CSI No. 9.03	2.70	M.T.	74620.00	201474.00	INR Two Lakh One Thousand Four Hundred & Seventy Four Only
25	12 mm thick plaster with cement mortar consisting of one part of cement & three part of coarse sand (1:3), minimum thickness not to be less than 10 mm including supply of all material labour and T&P etc for proper completion of work. CSI No. 11.06	8.20	Sqm	198.00	1623.60	INR One Thousand Six Hundred & Twenty Three and Paise Sixty Only
26	12 mm thick plaster with cement mortar consisting of one part of cement & four part of coarse sand (1:4), minimum thickness not to be less than 10 mm including supply of all material, labour and T&P etc for proper completion of work. CSI No. 11.07	900.00	Sqm	183.00	164700.00	INR One Lakh Sixty Four Thousand Seven Hundred Only
27	12 mm thick plaster with cement mortar consisting of one part of cement & six part of coarse sand (1:6), minimum thickness not to be less than 10 mm including supply of all material, labour and T&P etc for proper completion of work. CSI No. 11.09	30.00	Sqm	173.00	5190.00	INR Five Thousand One Hundred & Ninety Only
28	Add for extra labour to all items of plaster if done in ceiling. CSI No. 11.10	50.00	Sqm	21.40	1070.00	INR One Thousand & Seventy Only
29	Add for extra labour and materials for plaster over rough face of one brick thick wall. (CSI No. 11.12)	500.00	Sqm	24.00	12000.00	INR Twelve Thousand Only
30	2 cm. thick cement plaster in dado or skirting in 1:2 consisting of one part of cement and two parts of approved coarse sand laid in panels finished with 3mm. floating coat of neat cement or cement and marble dust in ratio of 5:1 including supply of all materials, labour & T&P etc. required for proper completion of the work. CSI No. 11.13	5.00	Sqm	266.00	1330.00	INR One Thousand Three Hundred & Thirty Only
31	S/mixing approved water proofing compound / hardner (CICO, DR FIXIT etc) in cement mortar in plaster or concrete work in the proportion as recommended by the manufacturer. CSI No. 11.15	25.00	Kg	47.00	1175.00	INR One Thousand One Hundred & Seventy Five Only
32	Providing (12x15) mm section groove in plaster including all material, labour and T&P etc. required for proper completion of the work. CSI No. 11.16	1000.00	Rml	12.00	12000.00	INR Twelve Thousand Only
33	Making drip course (25x12) mm in 1:2 cement and coarse sand including supply of all materials, labour and T&P etc required for proper completion of work. CSI No. 11.19	50.00	Rml	11.00	550.00	INR Five Hundred & Fifty Only
34	3 mm thick floating coat of neat cement finish including supply of all materials, labour and T&P etc. required for proper completion of the work. (cement consumption 0.044 bag/Sq.m.) CSI No. 11.20	20.00	Sqm	19.00	380.00	INR Three Hundred & Eighty Only
35	4.0 cm thick 1:2:4 plain cement concrete floor with cement, approved coarse sand & 2cm graded approved stone ballast laid in panels finished with 3mm floating coat of neat cement or cement and marble dust in ratio of 5:1 as specified and removing any overlapping mortar at the joints of the panels if any and giving them a uniform finish including supply of all materials, labour and T&P etc. required for proper completion of the work. without base CC. CSI No. 12.04	25.00	Sqm	401.00	10025.00	INR Ten Thousand & Twenty Five Only



JE (C)

JE (C)

JE (C)

EE (C)

36	First class bricks on edge floor laid dry, joints filled with sand, including preparation of base to proper slope and its ramming including supply of all material labour & T&P etc. required for proper completion of the work. CSI No. 12.07	5.00	Sqm	530.00	2650.00	INR Two Thousand Six Hundred & Fifty Only
37	Supply and Laying 8 mm thick glazed floor tiles of Somany, Johnson or equivalent make, laid with 1:3 cement and approved coarse sand mortar finished with white cement slurry, jointing and polishing complete, including supply of all materials, labour and T&P etc. required for proper completion of the work. (CSI No. 12.11)	5.00	SQM	1067.00	5335.00	INR Five Thousand Three Hundred & Thirty Five Only
38	Providing and laying 18 mm. thick Kota stone in flooring or skirting over base cement mortar 1:4 mix and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing complete and including supply of all materials labour and T&P etc required for proper completion of the work. (CSI No. 12.17)	35.00	SQM	1124.00	39340.00	INR Thirty Nine Thousand Three Hundred & Forty Only
39	Providing and fixing glass strips of 3.15 mm thickness & 40 mm depth in joints of floor and skirting at the time of laying floors, flush with floor level including supply of all materials, labour & T&P etc. completion required for proper completion of work. CSI No. 12.14	10.00	RM	31.00	310.00	INR Three Hundred & Ten Only
40	Supply of 80 mm thick I shaped mechanically compressed inter locking cement concrete paver block manufactured by high pressure & controlled vibration machine having plan dimension 200X(160+120 mm) with minimum 5 mm thick topping of O.P.Cement mixed with 25% marble powder. The compressive strength of concrete pavers blocks shall not be less than 30 MPa & 4.5 Kg/No. including cost of all material, labour, T&P etc. required for proper completion of work as directed by Engineer-in-charge but excluding G.S.T. which shall be paid extra as per rules. (CSI No.12.23)	130.00	SQM	980.00	127400.00	INR One Lakh Twenty Seven Thousand Four Hundred Only
41	Providing and laying of 18 mm thick granite ( black/ brown) in flooring or skirting, of approved shade, colour, size and pattern, laid over base cement mortar 1:4 mix including finishing the joints with white cement mixed with pigment to match the shade of granite floor including cost of all material, labour and T&P required for proper completion of the work, as per direction of Engineer incharge. (CSI No.12.20)	5.00	SQM	2856.00	14280.00	INR Fourteen Thousand Two Hundred & Eighty Only
42	Painting or varnishing new iron work in small areas or new wood work with one coat of ready mixed priming paint and one coat of approved superior quality ready mix paint "Luxol" or equivalent brand or varnish including supply of all materials, labour and T&P etc. required for proper completion of the work. Paint to be used should conform to the I.S. 103-1950. CSI No. 13.01	15.00	Sqm	71.00	1065.00	INR One Thousand & Sixty Five Only
43	Same as item No. 13.01 above but for every coat after first coat. CSI No. 13.02	70.00	Sqm	35.00	2450.00	INR Two Thousand Four Hundred & Fifty Only
44	Same as item No. 13.01 above but for every coat on previously painted old wood or iron work as required, for proper completion of work. CSI No. 13.03	70.00	Sqm	47.00	3290.00	INR Three Thousand Two Hundred & Ninety Only
45	One priming coat and one coat oil bound acrylic distemper on new work including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 13.08	50.00	Sqm	65.00	3250.00	INR Three Thousand Two Hundred & Fifty Only
46	Same as item No. 13.08 but for every coat after the first coat. CSI No. 13.09	350.00	Sqm	27.00	9450.00	INR Nine Thousand Four Hundred & Fifty Only
47	As in item 13.08 but for every coat on previously old oil bound distempered surface. CSI No. 13.10	350.00	Sqm	33.00	11550.00	INR Eleven Thousand Five Hundred & Fifty Only
48	Applying Birla or equivalent putty on new interior or exterior surface over one coat of water based cement primer of ICI or equivalent brand for smoothening and levelling of the surface as per requirement and direction of Engineer I/C including cost of all material, labour, T & P etc required for proper completion of work. CSI No. 13.20	500.00	Sqm	84.00	42000.00	INR Forty Two Thousand Only
49	Applying BIRLA PUTTY or equivalent putty on previously painted surface for smoothening and leveling of the surface as per requirement and direction of E/I including cost of all material, labour and T&P required for proper completion of work. CSI No.13.21	35.00	Sqm	41.00	1435.00	INR One Thousand Four Hundred & Thirty Five Only
50	Painting one coat with APEX or equivalent brand weather coat paint on new wall surfaces (well prepared with Birla putty and one coat of primer ICI or equivalent which shall be paid separately) including through washing with water including cost of all materials, labour, T&P required for proper completion of work. (CSI No. 13.22)	15.00	Sqm	90.00	1350.00	INR One Thousand Three Hundred & Fifty Only
51	Same as in item no 13.22 above but for every coat of additional APEX or equivalent brand weather coat paint. (CSI No. 13.23)	200.00	Sqm	41.00	8200.00	INR Eight Thousand Two Hundred Only
52	Same as in item 13.22 but for each coat of APEX or equivalent brand weather coat paint on previously treated surface. (CSI No. 13.24)	200.00	Sqm	62.00	12400.00	INR Twelve Thousand Four Hundred Only
53	Painting one coat with Acrylic emulsion paint of Berger/ Asian/ ICI or equivalent paint (Paint and water in the ratio 1:1 by volume) over prepared and primed surface of cement concrete, cement plaster and bricks including all labour, material and T&P etc required for proper completion of the work, (preparation of base with Birla putty etc. and a coating of primer shall be paid extra) . (CSI No. 13.25)	15.00	Sqm	90.00	1350.00	INR One Thousand Three Hundred & Fifty Only
54	Same as above in item no. 13.25 but for every coat after first coat of Acrylic emulsion paint of Berger/ Asian/ ICI or equivalent paint. (CSI No. 13.26)	5.00	Sqm	41.00	205.00	INR Two Hundred & Five Only
55	Same as above in item no. 13.25 but one coat of Acrylic emulsion paint of Berger/ Asian/ ICI or equivalent paint on previously painted surface. (CSI No. 13.27)	5.00	Sqm	62.00	310.00	INR Three Hundred & Ten Only
56	Dismantling brick work or stone work in lime or cement mortar and including stacking of materials as directed by the Engineer-in-charge within a distance of 60 metres. CSI No. 15.01	1.00	Cum	505.00	505.00	INR Five Hundred & Five Only
57	Dismantling reinforced cement concrete or reinforced brick work, including stacking of dismantled materials as directed by the Engineer-Incharge within a distance of 60 metres. CSI No. 15.03	1.00	Cum	1128.00	1128.00	INR One Thousand One Hundred & Twenty Eight Only

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58	Dismantling cement concrete or brick or granolithic floors including base concrete and including stacking of dismantled materials as directed by the Engineer in-charge within a distance of 60 metres.. (CSI No. 15.05)	10.00	Sqm	58.00	580.00	INR Five Hundred & Eighty Only
	Dismantling existing plaster including disposal of refuse as directed by the Engineer-I/C within a distance of 60 M. (CSI No. 15.11)	15.00	Sqm	41.00	615.00	INR Six Hundred & Fifteen Only
60	Scrapping old white or colour wash or distemper including disposal of refuse as directed by the Engineer-I/C within a distance of 60 M. (CSI No. 15.12)	180.00	Sqm	13.00	2340.00	INR Two Thousand Three Hundred & Forty Only
61	Boring with 150 mm dia casing pipe to a probable depth of 50 M from ground level with skilled and unskilled labour including all T & P , boring apparatus, supervision charges etc required for proper completion of work as per direction of Engineer I/C. (CSI No. 19.41 as per SOR 2020-21)	60.00	RM	216.00	12960.00	INR Twelve Thousand Nine Hundred & Sixty Only
62	Extracting of casing pipe 150 mm Dia after completion of lowering of pipe assembly including all labour and T&P etc complete as per direction of Engineer I/C. (CSI No. 19.42 as per SOR 2020-21)	60.00	RM	29.00	1740.00	INR One Thousand Seven Hundred & Forty Only
63	Providing and lowering of 110mm outer dia PVC PIPES of Supreme/Astral or equivalent make (as approved by Engineer in-charge) 6 Kg/Sq mm Pressure pipe conforming to ISI 498S/1988 including cost of all materials, labour and T & P etc required for proper completion of work. (CSI No. 19.14 as per SOR 2020-21)	48.00	RM	374.00	17952.00	INR Seventeen Thousand Nine Hundred & Fifty Two Only
64	Providing and lowering of 110mm outer dia PVC PIPES of Supreme/Astral or equivalent make (as approved by Engineer in-charge) 6 Kg/Sq mm Pressure pipe conforming to ISI 498S/1988 with approx. 60x3 mm size slots all over surface of pipe and rolled with best quality plastic mesh binding with plastic wire as per direction of Engineer in-charge including cost of all materials, labour and T & P etc required for proper completion of work. (CSI No. 19.15 as per SOR 2020-21)	12.00	RM	482.00	5784.00	INR Five Thousand Seven Hundred & Eighty Four Only
65	Providing and laying of 25 mm dia PVC PIPES with special such as tee, sockets etc for laying submersible cable including excavation of trenches size 300x300 mm and back filling of the same for proper completion of work. (CSI No. 19.18 as per SOR 2020-21)	10.00	RM	45.00	450.00	INR Four Hundred & Fifty Only
66	Supply and fixing of PVC. bail plug of heavy quality including all labour material & T&P. (a) 110 mm dia. (CSI No. 19.19a)	1.00	No	273.00	273.00	INR Two Hundred & Seventy Three Only
67	Supply and fixing of PVC top plug of heavy quality including all labour material & T&P. (b) 110 mm dia. (CSI No. 19.20b)	1.00	No	273.00	273.00	INR Two Hundred & Seventy Three Only
68	Supply and fixing support clamps for column pipes made out of MS flats, pairs of bolt-nuts etc complete with all material, labour, T&P. (CSI No. 19.24)	1.00	No	281.00	281.00	INR Two Hundred & Eighty One Only
69	Supply and stacking pee gravel properly at levelled ground for measurement as directed by Engineer I/C, including all labour, T&P required for proper completion of work. (CSI No. 19.25)	2.00	Cum	5349.00	10698.00	INR Ten Thousand Six Hundred & Ninety Eight Only
70	Lowering of M.S. column pipe in tubewell including supply of nuts, and bolts, packing and also carriage of pipe from workshop to site including all labour, T&P etc. required for proper completion of the work.(c) 32 mm dia. (CSI No. 19.27c)	1.00	RM	113.00	113.00	INR One Hundred & Thirteen Only
71	Supply and fixing of 1.20m long holding support clamps for 300 to 100mm dia tube well pipes. made out of MS flats, pairs of bolt-nuts etc complete with all material, labour, T&P. (CSI No. 19.21)	1.00	No	505.00	505.00	INR Five Hundred & Five Only
72	Development of tubewell by O.P. Unit (5 HP to 10 HP submersible pump set), including bringing Column pipe for the OP unit, assembling, electric connections, running for required period, dismantling and taking out & carrying away and cleaning the site with cost of all labour, materials, T&P and fuel / Electricity Charges etc required for proper completion of work and as per direction of Engineer-in-charge. (CSI No. 19.14)	1.00	Hours	715.00	715.00	INR Seven Hundred & Fifteen Only
73	Supply & installation of electrical control panel of L&T / Havells or equivalent make for submersible pump / pumpset containing contractor relay condenser. (b) For 1.5/2.00 HP pump set single phase (CSI No. 19.31-b)	1.00	No	5321.00	5321.00	INR Five Thousand Three Hundred & Twenty One Only
74	Supply & installation of submersible pump of K.S.B/ CALAMA. or eqt. make including cost of labour, T&P and material required for completion of work. b) 1.5 HP outlet 40mm dia. or more, Head 71/36, Discharge 2000/6000 LPH. (CSI No. 19.32b)	1.00	No	20466.00	20466.00	INR Twenty Thousand Four Hundred & Sixty Six Only
75	Supply and fixing of submersible cable Havells or equivalent make, for submersible pump complete in all respect. b) 2.5 mm2 for pump above 1 HP and up to 3 HP. (CSI No. 19.33b)	30.00	RM	102.00	3060.00	INR Three Thousand & Sixty Only
76	Supply & fixing of steel wire rope for submersible pump including cost of labour, T&P and material required for completion of work. (CSI No. 19.34)	60.00	RM	42.00	2520.00	INR Two Thousand Five Hundred & Twenty Only
77	Renewing panes of 4.8 to 5.7 mm glass including supply of glass with putty and brads including supply of all materials, labour and t&p etc. required for proper completion of the work.(a) glass of 5 mm thick. (CSI No. 20.04(a))	3.00	Sqm	854.00	2562.00	INR Two Thousand Five Hundred & Sixty Two Only
78	(i) Same as above item but 4 mm thick panes. CSI No. 20.04(b)	3.00	Sqm	836.00	2508.00	INR Two Thousand Five Hundred & Eight Only
79	Boring holes 3.5 M deep below cut off Level in all types of strata including loose sandy strata under water requiring use of modified auger and cutting tools with gravity valves and removable casing pipe, if required, for proper completion of work with cost of all labour, material, T&P required for : (a) 250 mm Dia piles (CSI No. 21.01(a))	15.00	Nos.	993.00	14895.00	INR Fourteen Thousand Eight Hundred & Ninety Five Only
80	Boring holes 3.5 M deep below cut off Level in all types of strata including loose sandy strata under water requiring use of modified auger and cutting tools with gravity valves and removable casing pipe, if required, for proper completion of work with cost of all labour, material, T&P required for : (b) 300 mm Dia piles (CSI No. 21.01(b))	15.00	Nos.	1197.00	17955.00	INR Seventeen Thousand Nine Hundred & Fifty Five Only
81	Cutting the bore hole for providing under ream of 2.5 times the dia. of pile upto 3.50 metre below the cut off leveling tools including cleaning the bore hole and including cost of all materials, labour and T&P etc. as may be required for proper completion of work for (a) 250 mm piles (CSI No. 21.02(a))	15.00	Nos.	570.00	8550.00	INR Eight Thousand Five Hundred & Fifty Only

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EE9

82	Cutting the bore hole for providing under ream of 2.5 times the dia. of pile upto 3.50 metre below the cut off leveling tools including cleaning the bore hole and including cost of all materials, labour and T&P etc. as may be required for proper completion of work for (b) 300 mm piles (CSI No. 21.02(b))	15.00	Nos.	691.00	10365.00	INR Ten Thousand Three Hundred & Sixty Five Only
	Extra for every additional depth of boring work as described in item No.21.01 above but beyond 3.50 Metre below the cut off level for (a) 250 mm dia piles (CSI No. 21.03(a))	10.00	RM	333.00	3330.00	INR Three Thousand Three Hundred & Thirty Only
84	Extra for every additional depth of boring work as described in item No.21.01 above but beyond 3.50 Metre below the cut off level for (b) 300 mm dia piles (CSI No. 21.03(b))	10.00	RM	667.00	6670.00	INR Six Thousand Six Hundred & Seventy Only
85	As in item NO. 21.02 above but for under reaming beyond 3.50 Metre below the cut off level for (a) 250 mm dia piles (CSI No. 21.04(a))	1.00	Nos.	585.00	585.00	INR Five Hundred & Eighty Five Only
86	As in item NO. 21.02 above but for under reaming beyond 3.50 Metre below the cut off level for (b) 300 mm dia piles (CSI No. 21.04(b))	1.00	Nos.	797.00	797.00	INR Seven Hundred & Ninety Seven Only
87	Providing and filling bentonite solution in pile bore under unstable and/or high water table soil conditions for retaining shape of bore 5 Kg of bentonite will be used in 100 Lt. clear water (Bentonite solution shall be used with continuous process of circulation) including all material, labour, T&P etc. The measurement shall be done as per design dia. & depth of pile upto cut off level. (CSI No. 21.05)	8.20	CUM	847.00	6945.40	INR Six Thousand Nine Hundred & Forty Five and Paise Forty Only
88	Supply and fabrication of M.S. (tor) reinforcement cages for piles including cutting, bending, welding as per design and placing of the cage in the pile bore including cost of all material, labour, and T&P etc. as may be required for proper completion of the work including all incidental wastage. (CSI No. 21.06)	3.30	MT	75739.00	249938.70	INR Two Lakh Forty Nine Thousand Nine Hundred & Thirty Eight and Paise Seventy Only
89	R.C.C. work with cement, approved coarse sand 2cm gauge approved stone ballast in 1:2:4 proportion for concreting in all type of piles including labour & material for proper completion of the work. Measurement of work be done according to design diameter and depth of pile upto cut off level. Under reamed concrete shall be measured as per IS 2911 Part II. (CSI No. 21.07)	3.50	CUM	8381.00	29333.50	INR Twenty Nine Thousand Three Hundred & Thirty Three and Paise Fifty Only
90	As in CSI No. 21.07 above but R.C.C. Work in 1:1.5:3 (CSI No. 21.08)	8.50	CUM	8943.00	76015.50	INR Seventy Six Thousand & Fifteen and Paise Only
91	Extra for driving reinforcement cage in the bored compaction pile concrete by Mechanical or Electrical means in full length of pile. (Labour rates only). (CSI No. 21.10)	3.00	MT	7419.00	22257.00	INR Twenty Two Thousand Two Hundred
92	Cutting & chipping the piles top above the cut off level including bending & straightening the pile reinforcement as directed including cost of all materials, labour & T&P etc as may be required for completion of the work for (a) 250 mm dia piles (CSI No. 21.11(a))	15.00	Nos.	264.00	3960.00	INR Three Thousand Nine Hundred & Sixty Only
93	Cutting & chipping the piles top above the cut off level including bending & straightening the pile reinforcement as directed including cost of all materials, labour & T&P etc as may be required for completion of the work for (b) 300 mm dia piles (CSI No. 21.11(b))	15.00	Nos.	384.00	5760.00	INR Five Thousand Seven Hundred & Sixty Only
94	Wiring point for light with 1.5 sq. mm. FR PVC insulated multistrand single copper conductor cable in PVC conduit pipe concealed in the wall, 14 SWG copper PVC coated Earth continuity wire, and approved quality, piano type switch ceiling rose/angle/batten holder as per approved sample on 3mm thick phenolic laminated bakelite sheet etc. of matching shade with wall colour complete in all respect. (As per Agr. 13/2021-22/SE., ECDC, Meerut)	4.00	Nos	520.00	2080.00	INR Two Thousand & Eighty Only
95	Wiring point for fan/fresh air fan (light duty exhaust fan) 1.5 sq. mm FR PVC insulated multistrand single core copper conductor cable PVC conduit pipe concealed in the wall, 14 SWG copper earth continuity wire and approved quality, piano type switch & ceiling rose as per approved sample on 3mm thick phenolic laminated bakelite sheet etc. of matching shade with wall colour complete in all respects as per direction of E/I. (As per Agr. 13/2021-22/SE., ECDC, Meerut)	2.00	Nos	596.00	1192.00	INR One Thousand One Hundred & Ninety Two Only
96	Wiring point for plug with 1.5 sq. mm FR PVC insulated multistrand single core copper conductor cable in PVC conduit pipe concealed in the wall 14 SWG copper earth continuity wire and approved quality type switch and socket as per approved sample etc. of matching shade with wall colour complete in all respects as per direction of E/I (As per Agr. 13/2021-22/SE., ECDC, Meerut)	2.00	Nos	278.00	556.00	INR Five Hundred & Fifty Six Only
97	Supply and fixing of power plug with 15A/240V V flush type switch and 5 pin 15A/250V flush type universal socket in suitable M.S. box of 175mmx100mmx50mm size with phenolic laminated bakelite sheet cover 3mm thick fixed with brass machine screw and cup washer. (As per Agr.13/2021-22/SE., ECDC, Meerut)	2.00	Nos	276.00	552.00	INR Five Hundred & Fifty Two Only
98	Circuit wiring using 2 runs of 4.0 sq.mm+ 1 run of 2.5 sqmm PVC insulated copper wire drawn in 25mm dia 2 mm thick PVC conduits Power circuits being reckoned from distribution board to first Power control switch Boards. (for power points 15 Amp) PSI No. 221 (c)	18.00	RM	122.00	2196.00	INR Two Thousand One Hundred & Ninety Six Only
99	Supply and fixing 6A to 32A SP MCB C curve- 10 KA PSI No. 1002	2.00	Nos	132.00	264.00	INR Two Hundred & Sixty Four Only
100	d) 63 Amp. Isolator PSI NO.1004 (B)	1.00	Nos	148.00	148.00	INR One Hundred & Forty Eight Only
101	Surface flush mounted 8 ways S.P.N. distribution board. (As per Agr. 13/2021-22/SE., ECDC, Meerut) PSI NO 1024	1.00	Nos	512.00	512.00	INR Five Hundred & Twelve Only

SE(C)

SD(C)

TE(T)

EE(C)

102	Providing and fixing 15 mm dia B-class Jindal, JTC, ISI marked G.I. pipes complete with special such as bend, tee, socket, cross, clamp etc earth work including filling the trenches etc required for proper completion of the work. the rate also includes concealed GI fitting where required, cutting and making good the walls etc and all materials, labour and T&P complete. (CSI No. 26.01a)	20.00	RM	190.00	3800.00	INR Three Thousand Eight Hundred Only
103	Providing and fixing 20 mm dia B-class Jindal, JTC, ISI marked G.I. pipes complete with special such as bend, tee, socket, cross, clamp etc earth work including filling the trenches etc required for proper completion of the work. the rate also includes concealed GI fitting where required, cutting and making good the walls etc and all materials, labour and T&P complete. (CSI No. 26.01b)	10.00	RM	226.00	2260.00	INR Two Thousand Two Hundred & Sixty Only
104	Providing and fixing 15 mm dia Jindal, JTC, ISI marked G.I. pipes complete with special such as bend, tee, socket, cross, clamp etc earth work including filling the trenches etc required for proper completion of the work. the rate also includes external GI fitting where required, cutting and making good the walls etc and all materials, labour and T&P complete. (CSI No. 26.02a)	5.00	RM	163.00	815.00	INR Eight Hundred & Fifteen Only
105	Providing and fixing 20 mm dia Jindal, JTC, ISI marked G.I. pipes complete with special such as bend, tee, socket, cross, clamp etc earth work including filling the trenches etc required for proper completion of the work. the rate also includes external GI fitting where required, cutting and making good the walls etc and all materials, labour and T&P complete. (CSI No. 26.02b)	5.00	RM	194.00	970.00	INR Nine Hundred & Seventy Only
106	Providing and fixing CP BRASS BIB COCK 15 mm dia. HEAVY QUALITY ( 400gm) ( L & K and equi.) fittings, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. (CSI No. 26.16a)	1.00	No	660.00	660.00	INR Six Hundred & Sixty Only
107	Providing and fixing CP BRASS BIF COCK 15 mm dia. HEAVY QUALITY ( 200gm) ( L & K and equi.) fittings, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. (CSI No. 26.16b)	1.00	No	420.00	420.00	INR Four Hundred & Twenty Only
108	Providing and fixing CP BRASS ANGLE VALVE 15 mm dia. HEAVY QUALITY ( L & K and equi.) fittings, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. (CSI No. 26.16c)	2.00	No	571.00	1142.00	INR One Thousand One Hundred & Forty Two Only
109	Providing and fixing CP BRASS STOP COCK 15 mm dia. HEAVY QUALITY (400Gms.) ( L & K and equi.) fittings, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. (CSI No. 26.16e)	2.00	No	660.00	1320.00	INR One Thousand Three Hundred & Twenty Only
110	Providing and fixing full way 15mm dia G.M. gate valve with wheel, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. (CSI No. 26.04a)	1.00	No	451.00	451.00	INR Four Hundred & Fifty One Only
111	Providing and fixing full way 20mm dia G.M. gate valve with wheel, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. (CSI No. 26.04b)	1.00	No	631.00	631.00	INR Six Hundred & Thirty One Only
112	Providing and fixing PVC BALL FLOAT VALVE 15 mm dia. WITH BRASS & UNION COMPLETE, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. (CSI No. 26.06a)	1.00	No	242.00	242.00	INR Two Hundred & Forty Two Only
113	Supply and fixing of Syntex or equivalent make water storage tank including all materials, labours, T&P etc required for proper completion of work. (CSI No. 26.12)	500.00	Per Liter	11.00	5500.00	INR Five Thousand Five Hundred Only
114	Providing and fixing of 110 mm dia PVC pipe 6 Kg/ Sq.cm for with special such as Tee, bend, socket, elbow etc including supply of all labour, material, T & P etc complete required for proper completion of work. (CSI No. 26.17)	15.00	RM	257.00	3855.00	INR Three Thousand Eight Hundred & Fifty Five Only
115	Providing and fixing of 110 mm dia PVC pipe 4 Kg/ Sq.cm for with special such as Tee, bend, socket, elbow etc including supply of all labour, material, T & P etc complete required for proper completion of work. (CSI No. 26.18)	2.00	RM	186.00	372.00	INR Three Hundred & Seventy Two Only
116	Providing and Laying 80 mm thick factory made vibrated Interlocking CC tile M-35 grade over prepared subgrade with 50 mm thick fine sand layer making joints filled properly and finished in proper level and alignment including cost of all material, labour and T&P required for proper completion of work as per direction of E/I. CSI No. 26.87 (As per SOR 2020-21)	6.00	Sqm	990.00	5940.00	INR Five Thousand Nine Hundred & Forty Only
117	Providing and fixing first quality white glazed "Orissa" pattern W.C. Pan Hindustan, Cera make. size 580 mm. (Hindustan, Cera Make) with out "P" trap including supply of all materials, labour and T&P etc complete. (CSI No. 27.01)	1.00	No	2354.00	2354.00	INR Two Thousand Three Hundred & Fifty Four Only
118	Providing and fixing 10 litres low level PVC flushing cistern, COMPLETE WITH ALL FITTINGS including supply of all materials, labour and T&P etc. required for proper completion of the work. (CSI No. 27.12)	1.00	No	1320.00	1320.00	INR One Thousand Three Hundred & Twenty Only
119	Providing and fixing in position 32 mm. dia P.V.C. flush pipe. for W.C. with unions, bends etc. including supply of all materials, labour and T&P etc. required for proper completion of the work. (CSI No. 27.13)	1.00	No	112.00	112.00	INR One Hundred & Twelve Only
120	Providing and laying SWR, PVC ( Finolex or equivalent ) pipe including cost of excavation, C.C etc including its jointing and connection, all materials, labour and T&P etc. required for proper completion of the work (a) 75 mm dia. (CSI No. 27.29a)	1.00	RM	278.00	278.00	INR Two Hundred & Seventy Eight Only

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121	Providing and laying SWR, PVC ( Finolex or equivalent ) pipe including cost of excavation, C.C etc including its jointing and connection, all materials, labour and T&P etc. required for proper completion of the work (c) 110 mm dia. (CSI No. 27.29c)	1.00	RM	388.00	388.00	INR Three Hundred & Eighty Eight Only
122	Supply and fixing galvanised mosquito proof jali (16x24 gauge) with M.S. flat of 20 x 3 mm. size, on both sides screwed or welded to window or door frame. (CSI No. 9.18)	6.00	Sqm	632.00	3792.00	INR Three Thousand Seven Hundred & Ninety Two Only
123	Removal of cinder from W.C. and bath and its disposal within 50 metres lead including cost of all labour and T&P etc. required for proper completion of the work. (CSI No. 27.22)	2.00	Cum	119.00	238.00	INR Two Hundred & Thirty Eight Only
124	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement : 4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test.*All above operations to be done in order and as directed and specified by the Engineer-in-Charge : With average thickness of 120 mm and minimum thickness at khurra as 65 mm. (CSI No. 28.28)	25.00	Sqm	990.00	24750.00	INR Twenty Four Thousand Seven Hundred & Fifty Only
125	Supply & fixing 32mm dia P.V.C. flexible pipe for water supply from submersible pump to outlet of boring. (Rate already Sanction vide S.E. OM no. 636/ECDC/MT/MT-1 dated 28.09.2017) NSI	50.00	RM	116.00	5800.00	INR Five Thousand Eight Hundred Only
126	P/F openable steel glazed windows and ventilators of standard rolled Z section conforming to IS 7452 1974 and welded with (100x20x5) mm holdfast embedded in C.C. block (23x11.5x7.5) cm size of 1:2:4 proportion of cement, coarse sand, & 20mm graded stone ballast as per drawing etc. complete but excluding S/F of glass panes of 4mm thick with nuts glazing clips with special putty of approved make etc. The fabrication should conform to IS 1038 1975. including cost of all materials, labour & T&P etc. (Rate already Sanction by Agr. No. 20/2017-18) NSI	4.00	Sqm	1457.00	5828.00	INR Five Thousand Eight Hundred & Twenty Eight Only
127	Same as above in Item no. 126 above but for fixed portion. (Rate already Sanction by Agr. No. 20/2017-18) NSI	2.50	Sqm	850.00	2125.00	INR Two Thousand One Hundred & Twenty Five Only
128	CIRCUIT WIRING/ SUBMAIN WIRING: Circuit wiring starting from Distribution Box to point control box/switch box in PVC (Heavy)25mm dia conduits, using accessories such as bends, tees, saddles, draw boxes, mounting boxes, inner plates, cover plates, ceiling rose etc. (including chase cutting & filling of chase where ever required) with PVC insulated 1100V grade FR multi-stranded copper conductor wire (color code to be used). Identification ferrules at both end to be provided. Circuit wiring using 2 runs of 2.5 sq.mm+ 1 run of 1.5sqmm PVC insulated copper wire drawn in 25mm dia 2 mm thick PVC conduits as lighting circuits being reckoned from distribution board to first light / Fan control switch Boards PSI No. 1307 (c) UP PWD SOR 2009	80.00	RM	96.00	7680.00	INR Seven Thousand Six Hundred & Eighty Only
129	Circuit wiring using 2 runs of 6.0 sq.mm+ 1 run of 4.0 sqmm PVC insulated copper wire drawn in 25mm dia 2 mm thick PVC conduits as Power circuits being reckoned from distribution board to first Power control switch Boards. (For A.C.) PSI No. 222 (c)	16.00	RM	170.00	2720.00	INR Two Thousand Seven Hundred & Twenty Only
130	S/F ceiling fan of Orient new Breeze model/polar/Usha/GEC/ Crompton/Bajal make of 1200 mm sweep with step electronic regulator incl. making connection with wire and testing etc as per sample approved by E/I before fixing of the same incl, cost all material, labour & T&P etc reqd for proper completion of work as per direction of E/I. (As per Agr. 11/2021-22/SE., ECDC, Meerut) NSI	1.00	Nos	1785.00	1785.00	INR One Thousand Seven Hundred & Eighty Five Only
131	Dismantalling and resoling brick on edge / Interlocking tiles floor with existing old bricks / interlocking tiles laid dry joints filled with sand including preparation of base to proper slope and camber, its ramming including supply of labour, T&P required for proper completion of the work. CSI No. 26.111 (As per schedule 2020-21)	15.00	Sqm	138.00	2070.00	INR Two Thousand & Seventy Only
132	S/F hexagonal fan box with hexagonal side approx. 80 mm in length fabricated from 15 SWG GI MS sheet incorporating 10 mm dia MS round bar dully bent for supporting fan hanger duly painted with red oxide and screwing arrangement with wiring conduit laid in the RCC roof before concreting along with supply of materials, labour, T&P required for proper completion of the work. PSI No. 1149	1.00	Nos	150.00	300.00	INR Three Hundred Only
133	Water Proofing coat with 3mm thick neat cement layer including 200ml water proofing compound like as Dr. Fixit and other equivalent with all labour T&P.(Rate already Sanction by Agr. No. 14/2018-19) NSI	40.00	Sqm	80.00	3200.00	INR Three Thousand Two Hundred Only

SE (C)

DO (C)

JE (T)

EE (C)

14	Finishing of walls with 3 coats water proof exterior emulsion paint "ACE" "Out Look" or equivalent make on new work including one priming coat (1 Liter paint diluted including 0.75 liter of water) to give an even shade complete including cost of all materials, labour and T&P etc. as per direction of E.A. NSI (Rates already approved)	810.00	Sqm	76.50	61965.00	INR Sixty One Thousand Nine Hundred & Sixty Five Only
15	Supply & fixing high tensile steel colour coated anti rust, high temp resistant sheet with tensile strength 550PMA hot dip metallic (Zink Aluminium) alloy (Nn 55%) Al, (45%) coating 70 GSM with total thickness not less than 0.45 mm (TCT) durashine or equivalent make with necessary over laps including CSI 26.50 (As per SOR 2020-21)	10.00	Sqm	823.00	8230.00	INR Eight Thousand Two Hundred & Thirty Only
Total in Figures					2811916.40	INR Twenty Eight Lakh Eleven Thousand Nine Hundred & Sixteen and Paise Forty Only
Quoted Rate in Figures					0.00	INR Zero Only
Quoted Rate in Words					Select	INR Zero Only

APPROVED FOR TENDER

SE (C)

SE (C)

JE (T)

EEC/SE

SE (C)